LV848324

Circuit breaker Masterpact MTZ2 40H3, 4000 A, 3P drawout, without Micrologic

Green Premium™

Main

Range	Masterpact
Product name	Masterpact MTZ2
Device short name	MTZ2 40 H3
Product or component type	Circuit breaker
Device application	Protection
Poles description	3P
Network type	AC
Network frequency	50/60 Hz
Breaking capacity code	H3
Suitability for isolation	Yes conforming to IEC 60947-2
Selectivity category	Category B

Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Rails Base plate
[In] rated current	4000 A at 40 °C
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-2
[Icm] rated short-circuit making capacity	330 KA 220/415 V AC at 50/60 Hz 330 KA 440 V AC at 50/60 Hz 286 KA 500/525 V AC at 50/60 Hz 220 kA 660/690 V AC at 50/60 Hz
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to IEC 60947-2
Circuit breaker CT rating	4000 A
Performance level	150 KA Icu at 220/415 V AC 50/60 Hz conforming to IEC 60947-2 150 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 130 KA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	150 KA at 220/415 V AC 50/60 Hz conforming to IEC 60947-2 150 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 130 KA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 100 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	20000 cycles with periodic preventive maintenance conforming to IEC 60947-2
Electrical durability	1250 Cycles 440 V AC 50/60 Hz conforming to IEC 60947-2 1250 cycles 690 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	150 mm
[Icw] rated short-time withstand current	66 KA 0.5 s conforming to IEC 60947-2 66 KA 1 s conforming to IEC 60947-2 66 kA 3 s conforming to IEC 60947-2
Integral instant protection	135…165 kA
Maximum breaking time	25 ms
Maximum closing response time	70 ms
Height	Drawout circuit breaker without chassis: 300 mm Drawout circuit breaker with chassis: 439 mm
Width	Drawout circuit breaker without chassis: 378 mm Drawout circuit breaker with chassis: 441 mm
Depth	Drawout circuit breaker without chassis: 300 mm Drawout circuit breaker with chassis: 403 mm

Environment

Standards	IEC 60947-2
	IEC 60364-8-1
Product certifications	ASEFA
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes